UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/683,667	01/31/2002	Andrew Rodney Ferlitsch	SLA1038	1478

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EXAMINER
EBRAHIMI DEHKORDY, SAEID

ART UNIT	PAPER NUMBER
2626	

DATE MAILED: 12/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	09/683,667	FERLITSCH, ANDREW RODNEY
	Examiner	Art Unit	
	Saeid Ebrahimi-dehKordy	2626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>26 September 2005</u>.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-25* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-25* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

U.S. Patent and Trademark Office

PTOL-326 (Rev. 7-05)   Office Action Summary   Part of Paper No./Mail Date 20051128

Response to Amendment

1.   Applicant's arguments with respect to claims 1-25 have been considered but are moot in

view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

2.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3.   Claims 1-21 rejected under 35 U.S.C. 102(b) as being anticipated by Snipp (U.S. patent

5,699,495)

Regarding claim 1 Snipp discloses: a method of printing from a computing device, said

method comprising: sending a print task to a local print system component (please note

Fig.2 items 26 the application program which generates the print data and thereon

transmitted to the other local components like print driver 38B and spooler 36, column 3

lines 51-67 and column 4 lines 1-16) acquiring printer data (note Fig.2, column 5 lines

64-67 and column 6 lines 1-5 where the GDI, item 30 acquiries the printer, item 14

attributes through DDI) for at least one printer in communication with a remote print

system component using said local print system component (note again Fig.2 itme 30

which is local component aquiring the printer data "parameters and attributes" through

the printer resources, item 18 of Fig.2) selecting at least one of said at least one printer

by comparing said printer data with parameters of said print task (note Figs.6&7,column

6 lines 26-30 and column 6 lines 62-66 and column 7 lines 1-12 where the parameters

and attributes of the print job is compared with the printers on Figs. 6&7) sending said

print task to a remote print system component (please note Fig.2 items 36 and 40 where

the spooler 36 transmits print job to the spooler 40 on the printing side, column 4 lines

17-22) and sending said print task to at least one device (please note Fig.2 item 40 the

spooler in the print server 16, column 4 lines 16-17) in communication with said remote

print system component for printing (please note Fig.2 item 16 the print server, column

4 lines 16-18).

Regarding claim 2 Snipp discloses: The method of claim 1 wherein said local print

system component is a spooler (please note Fig.2 item 36, column 4 lines 7-10)

Regarding claim 3 Snipp discloses: The method of claim 1 wherein said local print

system component is a print processor (note Fig.2 item 38B the print driver which would

be used as print processor).

Regarding claim 4 Snipp discloses: The method of claim 1 wherein said remote print

system component is a spooler (note Fig.2 item 40 the external print spooler resident in

the print server 16).

Regarding claim 5 Snipp discloses: The method of claim 1 wherein said remote print

system component is a print processor (please note Fig.2 item 34 the print processor,

column 22-23).

Regarding claim 6 Snipp discloses: The method of claim 1 further comprising

reconfiguring said print task according to said printing data related to said print task

(note column 4 lines 30-35).

Regarding claim 7 Snipp discloses: The method of claim 6 wherein said reconfiguring

is performed via said local print system component (please note column 4 lines 17-28).

Regarding claim 8 Snipp discloses: The method of claim 6 wherein said reconfiguring

is performed via said remote print system component (note column 3 lines 10-21).

Regarding claim 9 Snipp discloses:The method of claim 6 wherein said reconfiguring

enables said print task to be printed on at least one remote device (note column 4 lines

1-14).

Regarding claim 10 Snipp discloses: The method of claim 6 wherein said reconfiguring

comprises reconfiguring said print task for cluster printing on printers remote to said

local print system component (note column 3 lines 52-62).

Regarding claim 11 Snipp discloses: A method of remote printing, said method

comprising: sending a print task to a local print system component (please note Fig.2

items 26 the application program which generates the print data and thereon

transmitted to the other local components like print driver 38B and spooler 36, column 3

lines 51-67 and column 4 lines 1-16) determining characteristics of said print task (note

Fig.2 item 30 and 28 the GDI and Graphics engine respectively where application

program 26 will acquires sections of code which is in fact the graphics engine through

the GDI, column 3 lines 64-67 and column 4 lines 1-4) selecting, with said with local

print system component at least one remote device that is suitable and available for

printing said print task (note Figs.6&7,column 6 lines 26-30 and column 6 lines 62-66

and column 7 lines 1-12 where the parameters and attributes of the print job is

compared with the printers on Figs. 6&7) reconfiguring said print task for printing on

said remote device (note column 6 lines 1-20 where the print task is altered to fit the

printer parameters) sending said reconfigured print task to a remote print system

component and sending reconfigured print task from said remote print system

component to said at least one remote device for printing (note column 6 lines 15-21

where the conversion is done and the task is sent back to the spooler 40 to be

transmitted to the remote printer 14, note also column 2 lines 45-48 where the available

printer is selected to print the document)

Regarding claim 12 Snipp discloses: The method of claim 11 further comprising

prompting a user for printing task preferences (note column 6 lines 1-4)

 Regarding claim 13 Snipp discloses: The method of claim 11 wherein said remote

device is different than a device originally selected by a user (note column 4 lines 18-28

where the print spooler 40 is configured so that a different print processor could be

pluged in)

 Regarding claim 14 Snipp discloses: The method of claim 11 wherein said

determining characteristics is accomplished via said local print system component (note

column 4 lines 2-6).

Regarding claim 15 Snipp discloses: The method of claim 13 wherein said determining

characteristics is accomplished via said remote print system component (note column 6

lines 21-27).

Regarding claim 16 Snipp discloses:The method of claim 11 wherein said

reconfiguring comprises job splitting among remote devices (note column 6 lines 10-14

where the different devices like 36,32,28 and 38B are involve with the reconfiguration of

print task).

Regarding claim 17 Snipp discloses: The method of claim 11 wherein said

reconfiguring comprises copy splitting among remote devices (note column 5 lines 52-

65).

Regarding claim 18 Snipp discloses: The method of claim 11 wherein said

reconfiguring comprises distribution of a print task to a cluster of remote printers (note

column 6 lines 1-7).

Regarding claim 19 Snipp discloses: The method of claim 11 wherein said

reconfiguring comprises changing the destination of a print task (note column 5 lines 1-

8).

Regarding claim 20 Snipp discloses: A method of remote printing, said method

comprising: sending a print task to a local print system component (please note Fig.2

items 26 the application program which generates the print data and thereon

transmitted to the other local components like print driver 38B and spooler 36, column 3

lines 51-67 and column 4 lines 1-16) determining a device requirement of said print task

(note Fig.6 itmes for example 120 & 124 the parameters and attriburtes of the printer

responding to the aquiring by the workstation, column 6 lines 21-67 and column 7 lines

1-5) sending said device requirement to a remote print system component (please note

Fig.7 for example itmes like 184 the parameters) checking whether at least one remote

device is suitable for printing said print task based on said device requirement (Fig.6,

column 6 lines 21-67 and column 7 lines 1-5) and remote device availability (note

column 2 lines 45-48 where the available printer is selected to print the document) said

checking being performed via said remote print system component (note Fig.2 item 44,

column 5 lines 58-65) and sending said print task to at least one suitable remote device

(note column 6 lines 1-6).

Regarding claim 21 Snipp discloses: The method of claim 20 further comprising

reconfiguring said print task for said at least one suitable remote device (please note

column 4 lines 29-35).

Claim Rejections - 35 USC § 103

4.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

5.   Claims 22-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Snipp (U.S.

patent 5,699,495) in view of Hower, Jr. et al (U.S. Patent 5,467,434) and further in view of

H.A.M. Van Oijen (U.S. patent 5,918,988)

Regarding claim 22-25 Snipp discloses: disclose: A system for remote printing (note

Fig.2 where the system of remote printing is shown) said system comprising: a local

computing device (note Fig.2 item 12 the workstation) a local print system component

(note Fig.2 item 32, the printer driver) a remote print system component (note Fig.2 item

34 the spooler) at least one remote printing device (note Fig.2 item 14). However Snipp

dose not disclose: wherein said system determines characteristics of a print task (note

column 4 lines 1-9 where the characteristics of the job are determined) and said remote

print system component searches for remote printing devices among said at least one

remote printing device that are capable of printing said print task; and said system

reconfigures said print task to utilize at least one of said capable printing devices and

sends said print task to said at least one of said capable printing devices. On the other

hand Hower Jr. et al disclose: wherein said system determines characteristics of a print

task (note column 4 lines 1-9 where the characteristics of the job are determined) and

said remote print system component searches for remote printing devices among said

at least one remote printing device that are capable of printing said print task (note

column 2 lines 32-50 where the system searches for the correct or available print profile

or in this case the parameter to be able to print the print job)

and said system reconfigures said print task to utilize at least one of said capable

printing devices and sends said print task to said at least one of said capable printing

devices (note H.A.M. Van Oijen, column 4 lines 14-25 where the job tickness has to be

adjusted base on the printer properties or other wise the job would not be printed).

Therefore it would have been obvious to a person of ordinary skill in art at the time of

the invention to modify Snipp and Hower et al's invention according to the teaching of

H.A.M Van Oijen, where H.A.M Van Oijen in the same filed of endeavor teaches the

way the parameters of the print job would be change in order for the job to be printed.

Contact Information

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone

number is <u>(571) 272-7462</u>.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to

5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the

examiner's supervisor, Kimberly Williams, can be reached at (571) 272-7471.

Any response to this action should be mailed to:

> Assistant Commissioner for Patents
> Washington, D.C. 20231

Or faxed to:

> (703) 872-9306, or (703) 308-9052 (for *formal* communications; please mark
> **"EXPEDITED PROCEDURE"**)

Or:

> (703) 306-5406 (for *informal* or *draft* communications, please label "PROPOSED" or "DRAFT")

Hand delivered responses should be brought to Knox building on 501 Dulany
Street, Alexandria, VA.

Any inquiry of a general nature or relating to the status of this application should be
directed to the Group Receptionist whose telephone number is (703) 305-4750.

Saeid Ebrahimi-Dehkordy
Patent Examiner
Group Art Unit 2626
June 10, 2005

KIMBERLY WILLIAMS
SUPERVISORY PATENT EXAMINER